droplets; and

discharging the droplets from the nozzle.

19. (New) The method of claim 18 wherein the pressure is maintained by gaseous nitrogen at 35 bar and the valve is pulsed at 2 ms.

20. (New) The method of claim 18, wherein the supersaturated vapor is fed to an expansion channel of a length of from several mm to several 10 mm and a diameter of from several 100 μm to the range of mm.

21. (New) The method of claim 18, wherein the supersaturated vapor is fed into and is cooled in a supersonic nozzle having a conical opening angle 2Θ of from several degrees to several 10 degrees and a conically shaped section of a length of several mm.

In the Abstract:

Cancel lines 3-20 and substitute therefor: –An apparatus for making a droplet target provided with a chamber for receiving a target liquid and maintained under pressure, an electromagnetic valve switched at a ms rate for feeding target liquid from the receptacle to a heated expansion channel for converting the target liquid into a supersaturated vapor and connected to a supersonic nozzle wherein the supersaturated vapor is cooled and condensed to droplets before discharging them.--

Remarks.

The above changes do not add new matter to Applicants' original disclosure.

Respectfully submitted,

Karl Hormann
Registration No.: 26,470